M. 64 Marcharage 12 ames W. M. Wallace admitted March 23. 1019

Ste no that we ment of the by offering a Shiel hithert ment and pe 4 physich. 7. By indeshing undidate for stion in which sheem on the wished in diff light on the

Observations on Hydrothorax.

It can scarcely be expected that in selectsing a subject for an inaugural difertation I should choose one in the investigation of which I could hope to correct former error, or advance any thing) new that would have for its object the improve ment of the seience of medicine. attempts with this view, however desirable, I at present decline, by offering some general observations on the seat, causes and even of hydrothorax; leaving to those of maturir years, sounder judgment and more enlarged experience to explain the difficulties which hitherto have prevented the full developes coment and perfection of the maling art. By this expression I do not mean to deprets the profession of physick. The very owerse would be my wish_ By indowshing in it, and presenting, myself as a candidate for a digree, I sufficiently show the estim cation in which I hold it; whilat I dwell with pleasure on the contributions that have been permished in different ages, and with no title deelight on the improvement which medicine has

neward is

being a Defor they of a

advised in according to alloware A rollier to covity of

a one or be surbymatour function a subject, but hupones of processing

moved as gar tion of the adop

mu; get in

oriend in this country, and in an especial manner from the University in which I have the honour of being a student

Expens I proceed further, I must take the less bety of dating, that without what of a positive law of dating, that without what of a positive law of the instances of programmy of a sudd were how conducted, one to applying defend the last of properly by again and eventual dating allowed to be a suddifferent property by again and eventually the high will recognize to the professional and property and the past when a performance, the fall when the allowance its only religible and assume.

If rellistion of summer flexist in any first of the cavity of the thoras constitutes the disease in agreement in our or total teams of the present in our or total constitute of the please, in the principal constitute of the please, in the principal constitute of the please, in the principal constitute of the principal constitute of the principal constitute of the same action of the capital on the same action of the capital constitution is constituted by the willow on the subject, but as it appears by the work of proposes of prosecular of the tradement act being carried as for as I know by the different others than the same of the cast of the cast

My dro thorax is not a disease of very prequent occurasence; get in every point of view It must the par-

wally we stillions . though we with dymptos within the tion of the

-ticular attention of the physician. It is usually like other forms of dropoy, met with in marshy districts of country, succeeds intermettents and other fevers. and may be brought on from exposure to cold. It however, appears in all climates and situations, and arises in very different dates of the constitution. Most frequently, at least as far as my observation has extended, it has been connected more or less with a phlogistic state of the system; but occasionally it is found to be present in an opposite condition of the constitution. Most usually we are this complaint blended with collections of water in other parts of the body, though unquestionably hydrothorax is occasionally known to exist for some lingth of time, without its being connected with, or inducing dropoecal effusions in any other part of the human structure. This however, is a vare

Departations, Our officer of account of lead within the Moral accuracy seems of a contract of the conference of the self-by some incapanity let the enforce proper town of the atomism which does not long town of the atomism which does not have their continues before own deficiently of boundhings as experienced, this is indicated by Jor the Mort

time B hold, the then the nost inf With M

time felt, when the person accends an acclivity, or when he places himself in a recumbered pos dury But after the disease has taken fromer hold, the difficulty of breathing becomes more constant and very much annoys the patient. The wine is diminished in quantity. The therst is much augmented. There is sometimes a fever project, The patient in some instances comsplains of a "delessive pain" or numbrulo in one of his arms. A cough comes on, that is at post dry, but after some continuance it becomes moist. The matter thrown off is composed high dy of mucus. I think it is of a whitercolour than the valiva thrown off in health. The most infallible symptom is the fluctuation of a fluid, accertained either by the altend: ing physician or by the patient himself. The patient after going to sleep is subject to be suddenly awahed with starting and palpitation of the heart.

With the symptoms already enumerated there are commonly asternatores dividings of the bounce intermediated boar that that there advance is often processed on a partial this advance. Whe pecker, expecially after the case

am at the sion. Mor uniformly Mun us by the middenly to marked a s in expected long as the has been of some standing is small, vergular and intermetting, he one or two case that have however the hules to my notice, the pulse can at this present was not without some time according to the pulse seems there for your fact, at the stage the pulse is small and much and they face is almost unshould and much and recovery

Men the hydrothorae is not arrived in the progrets of commonly proceeds to gue more and more dispulled of britishing tell. the action of the langs be entirely interrept ext by the grantity of water efficiely and the fatal want progrently happens more accidently than was expected in many of the interret of a fatal hydrothorae, I have me marked a specific of blood to come on several eags before the haftert deed Culture.

Causes. The inner of surpry in general area of hydrothoran in particular one not provided out with providing on all cause to be provided out with providing containing, nor indust an eight title but capital Matt are news on this head should be, very clear one unequivocal so should be, very clear one unequivocal of the long of the lymphatic suptern runname in to present unexplored states. We however

A. I Chapman inculcates a similar doctrine in his tectures.

however, in with the direct us . luck now for it we

case can roomers of any co tem, or the impeded howledge are of disease be mention

bloods gefore a spelo concer the holispe a supero concer the teponen

and probably ause operate ticular spe the there causes of the products

of hypetido, o man the hea however, in general, a sufficient arguaritance with the cause and nation of the decase to direct most one to some particular porms only, for it with one one himself to that without account himself to find the vicasis can not be expected to girld to the mosewise of our art.

Any cases operating on the various eyes time, of that the metion of blood to the head is employed or powerful, is any uniformly as disconstructed, is any uniformly as disconstructed, of a partial of the account of the construction of the form of the long of the construction of the construction of the construction of the construction of the parties are productly an atomy of the construction of the parties are productly and atomy of the construction of the parties are productly as a term of the construction of the parties are productly as the construction of the parties are productly as the construction of the parties are productly as a subject to the construction of the parties are productly as a subject to the construction of the parties are productly as a subject to the construction of the parties are productly as a subject to the construction of the parties are productly as a subject to the parties are productly as a subject to the parties and the parties are productly as a subject to the parties are productly as a subje

Toppount to other is to be considered as no other rank probably not one of the last employment rance of probably not one production of the particular of the particular of public of the particular of public of point of the particular of the particular of the properties of the production attacted of the public of the production articular of the production to the production of the productio

B. Maelian on Hydrothorax page 53.

be I am pelly awar an author of some standard for song, that he who will not admit the process of a visit with a the the present of a visit of feel in the chart without the flictuation, being heard will without the flictuation of a pleint is entanny not observe without the harmy seem on Justinia official with his whom we would be the thought of the method the flictuation in the white in charge of posture, I can not doubt of its living a principle on and this opinion is sanctioned by the harp are though of cellura and others, dewood culture synophes

D. Maelian p. 2nd.

on dition of Cult munician munician municipal

condition Diagrams lisble to of the bo Whose winto her

hydrothone stion of us out being the adema ites whier

since be sincer be a dimenset in doop

Hydrothon but in genera

at being a .

conditions of that organ may exist the disease. It Callen refers the existence of droppy more

immediately to an increased accretion or to a diminished obserption. Derhaps with of these conditions sometimes exist.

Diagnosis. The complaint before us is liable to be confounded with other diseases of the body.

Those affections for which it may be mischaber, and anyma persons arthur a major and persons of the surject boat and though the surject of these beyond of the heart. From the first of these beyond of more may be desirenguested by fluster action of worter in the broads and by fluster act being surrecent with anyma persons the most being surrecentable with anyma persons at the accumators amount most of the board at his beaut of the most of the most of the surrecent of the surrece

Hydrothorax may be confounded with asthma, but in general it can be distinguished by there not bring a scarcety of unne in the withma.

of some le not admid the chot Measo will ctuation of

wideret, but it with hy a that they water in the a not doubt in authority and the le authority ens synopar

E. Cullino first lines Vol. 4th section 1702.

bun Th

the aus

and by the parousem of this last named compleased portly disably common or it neighby, whereas in surfacement of persons of the thoreas exitain symptoms are abnost uniformly four went as the last at the per, oracity by comone on the last at the person to distill of breathing is always present, in authoria, there is descript the prosession as opposeen of passes weren't between present in higherthorias.

obscierces of the large arteries configures to the heart produces symptoms that may be mistaken for those which persons are discovering a peak and therefore in the east and direction of own the east and direction of own of the large arteries, seem enterely classes, apparently the large arteries, seem enterely classes, apparently the large arteries of the blood, an experience, and over to delinguish the from this does a case. And also a case.

Maring from alech and halpitation have been thought to characterise by the program of the propose has been enabled almost unionally confaces has been considered almost unionsally confaces has been considered almost unionsally confaces has been expensed at promounce, an afterior, on the authority of unknown, & should say a very

estermed the ocares large proportion of the "enhappy as ffores" awards not survey the decision but from my some very limited observation, I should controlled to the case of all the case with he found to yield to the, influence of with his pound to yield to the, influence of

Could im accertain with president on what state of the parts the almost dependent as for example, when it amount its estatement to party of a milke heart, it answering from office they are the heart, it and to extend the organize of operations of their calous on when it came on a consequent to asknow, or who is to came on a consequent to asknow the organized on their calous or when it came on a consequent to asknow that the man consequent to the contract of the complete the month of the contract of the complete the month of the contract of the parts originating the decrease remaintains of the parts originating the decrease remaintens of the parts originating the decrease originated an exceedingly deflect task to deliver a corriet of mirror and without the parts of the parts originating the decrease of the parts originating the decrease originating of the parts originating the decrease of the parts originating the decrease or a corriet of mirror and milast with the thirt termination of highest origination of highest thomas.

In general the degree of danger may, be judged of from the difficulty of breathing by the eneasing excited

14 in obl shall now tratment, w formed the m when the palient puts his body in a horizon tack position, buy the deficiently he experience the rate in obtaining out, buy the water of the palpitation, and about all buy the killle good derived from the exhibition of male

We shall dishering be a feeted in porning the progresses, by assertaining the habits of the patient in organic to the use of entought on the patients, and by his age. More it has been townight on by entemperance and attach we advanced life it don't extraorly proves most al. Here are the everentians by which, in practice, one are to don't our judgment on the in practice, one are to don't our judgment on the termination of hyporthosa. Then may be have been encounted, but as they are more excusered a particular notice of them is supposed unsur-

Intellment. Having made some observations on the said carries distinguishing symptoms are probable termination of inglivitions, we obtall more provided to the cohorition of the tradinist, which in a majority of case, has proved the most satisfacy. He the invisition the most actualized the most factorial of the tradinist of the Majorecan are denoted to the

ing so the on As this diver to operat this inonally it me wellet eighter We than twel

-

attainment of this information, and it mathers and how habornessely or acceptfully he may have been unplayed in obtaining cereat views in other departments of his perfection. The whole will award but delle of he verham experient of the proper to almost during the actual extense of the proper to almost during the actual extense of desense.

In all cases where the cause can be distinguished and continue to operate on the body, they should, if practicable, be removed.

do I have varied that hy door thorase may arrow and provided in two opposite states of the homoso frame, is it will be evident. Then conditions well dominant a different treatment arrow and so the own or the other may provide ying as the own or the other may provide

"It's this disease is most escendly of an inflammatory, nature, beliebeng from the arm well to object on the arm well to object on the water this evacuation often, best occar occountly it may be necessary to have frequent occountly it may be necessary to have frequent occountly it may be necessary to have frequent attack, in which there ever as well fight relief eight the point of the point of the country of the cold than truled on form the supplement form the supplement is supplement form the supplement is supplement for the occupance of the occupance occupance

St. Derriars medical histories p. 34%.

to observe waser was was was was was was was a la found of the was to be found of the waste of t

up with ph tone oupport when off the oup with the oup with the oup with and wint and wipeent of frame will

wor of the ho

12

to shown hove, that this patient was of large station, had a full hackt one that the distance was of panny months continuance. The complaint during this period would advance or order according as he employed the rome; also or last them asked to be uponly pound only providing found in broathing rendered mon free hay the the horse to be to be the horse to be monthed to had the was threshow as with philogogeness advance of large and had present a with philogogeness advance of the full had the sum of the fur without of the last to women out one time applicably preclaim to women out the fur when a without of the last to women out the fur when a without preclaims to women out the fur when a without of the last to be a without the last th

Man It has been conjet as for as consistent with the parting of the partition, we may resolve to the track and feel to the breast and oides. By the above, if send in the verefrent stays of the disease, a great majority of cases will be avoided in their prograps."

Chapmans M. S. Letteres.

Next to blending bloaters have been compley to the wife for the wife of the wife of the wife of the wife of the the way that much benefit on application of the the wee of the breakt. They come with overounded by the professor of the practice on the beauty of processor of the practice on the second of the practice.

G. Maelean p. 102. mild admit o the meepany go Giletures. Ble ton of cups. The in this way not Markam in his bradies on hysporthonan, the best of his worthouse, the head of his well supplied to state that they release the regard symptoms more operately than the remodes adder feel to the else-bents and hidrery, but sope this effects one transcent

Meting when the general principle that blis amount or inadmissible when there is much confirment of the sangueprous consteme it might appear doubtful whether their would admit by a very choice of best appeared to the decidence in its font days; but after the decidence in its font days; but after the masparageantly of blood has been drawn it appears forballed. That meach bush to may be supported from the marginal power that we get received one.

I state here take the laborate of expering or the process of section of the state of the section of the section

Durging, sions in the Jails in this petient. It as 76. Maclean M. 117. wither loose purpose one the profession Notwithst on this outjus Juney on a samifaible, to found in the Medica. Buide the : nince pernishes the most ample testimony?

Deergon, as being limities at in other on aftermation applicance, has been occurrenced to their time dependence of the chair to the experience within any. Must be exist being usely or promine was on this discontant of the chair quemality it field to the section of producing absolution and exhausts too much the about the of the hattern. It will be to propose to you and against extra with the propose to the course to grand against extra with the form of the course of the course of the course of the profession of the course of the professes or and of the transfer on the professes or and of the professes to the professes.

Notivithalanding the objections which have been early a general the employment of purgar these and have pointed by the grant of the serving of conserve word to alone the marks on their selept, without observing that or without otherwise that or on this selept, without observing that or allowed points of the British physicians, not only thought point places admiring held, but without the first of attourn the which a man donate bothering the inset to be found in the whole company of the Malina Middle and the whole company of the Malina Middle and the selection of the work of the selection of the whole company of the Malina Middle and the selection of the whole company of the Malina Middle and the selection of the

Besides the remedies already noticed, medicines

in of the blomuriate of on, two or this psin of the and to exert mefficts are o said by either which the agus belonging to the class of diverties have been much employed. They spirate by increasing the uninary discharge.

Of there outstances the oquile norhaps dands preeminent. With a considerable diuritic power, it exists more or less of an expectorant quality that particularly recommends it in this disease. The dow when taken alone, is from one to three grains of the dried root, given twice or three times a day in the form of hell. Notwithstand ing the reputation which this medicine has acquired in dropoip, there are few if any cases in which either this or any other remedy is alone confided in. The oquile is exhibited in various combinations. Combined with the Submuriate of Mircury in the proportion of one, two or three grains of the former, to one grain of the latter, according to the state of the patient, and given twice a day it is found to exert its best howers. By such unix con effects are obtained that could not be pro-= duced by either singly.

Disputes have arium as to the extent in which the equill is to be administered. By some it continued that in order to enoun the

The Chapmans Therapeuties & Mat. Med. Not. soft n. 20%.

swrter aff am vomile swrter are dortroned to may process ing the open ing the open ing the atremas

the extremise was will be to it made action to the respects whole might ware seems

brought in the Dige

of the most a continues a borderew effections of the start of the star

fore of arte

dientle effet, it should produce nawe or were comiling whilst others about, that the dientle adopted on, now is proportioned to the nawes or consistency which may proceed from its admission buffle in the feminent of the Chadman I should now the feminent of the Chadman I should now the section of the second of the continuency nearly between the extreme. Then a mediately surprise of naw the section is the continuent to attain the section of the section of the consistency when as attains is observable on the stormach. It is a stormach the stormach the section to the stormach the section to the stormach.

whole might be employed in droppy, but usage seems to have conservated only a small number for its management, though horahaps the whole on some occasions may be brought into use.

Mich Vol. 1

The biretall's helds a high otation in the diet of middie against derpay. It is must of the most powerful devotics and region a cartain administration, and constitutes produces of their high emphasization and alcoming. The biretall is more allowed to be book adapted to those cases in which the form of arterial action had on taken of L. Bhapmans Therap: & Mat: Med: Vol: 1st p. 250. done is five

went degrees taken in the

and London half the oto or the sale I have als

unsible effici days, when so alorning cha of strength, 9

These circums costs to begin the quartity ?

i closely wat

by primary depletion. The dried leaves may be given in outstance, or they may be taken in infection or they may be taken in infection. Men taken we such consecution, the core for an adult is one grain morning and neight. One table shoonful of the infection may be given three times at day. The tendent being made of different land, the tendent of the tendent in the same quantity. Mun whate according to barriers directions the medicine done is four above in the history to the medicine done in the same quantity. Mun whate

and London pharmacopalas populus but half the doingth, and is consequently quen in double the quantity of Dardins

or the satisated tentime! I have a directly a file of the capitalis requires excumpation of directly agitalis requires excumpations of sometimes of any directly appeters of the most also many whom exceeds the social as extreme, prostation of strength, agrat reduction of pecific st. Here coverentaines make it might appropriate the cases to largin with small done including the agrant of the great the office of the great that was about the opport we story water and what the opport done is closely water that when the opport done of the second water that the opport done of the second water that the opport done of the second water that we desired the opport done of the second water that we desired the opport done of the second water that we desired the opport done of the second water that we desired the opport of the second water that the opport done of the second water that the opport the opportunities are the second water that the second water that the opportunities are the second water that the second water that the secon

weed the M. Chapmans Thetap: I Mat: Med: Vol: 15th. 215. Ferriar in unaid of M. Gerrian Medical Mistories p. 212. nunce, to be attained. Fiveress having been once in - such the patient with sometimes continued to conditions with a material days, even although the medicine be discontinued.

district engeles in membrane alterings the use of digitals is that it effects on the pulse, and worldly on other parts of the human frame mily be made to cary by changing the posterior of the body. He greatest indicates of pulse takes places when the presence is the process when the presence is a occumbered to a

The deper distract, of potach is inther windsom in which this highest confidence is reposed. The occupied that pellowed it administration inclusion the distraction of decrease in cases of disposed generally, greatly received that of any other witten independent councils, to an owner and on half deep algorithms, to an owner and on half deep algorithms to an owner of inter the board of barton is cupposed to be most uniful in those cases accompanied by pelville in those cases accompanied by pelville

time, and . eds of the inferior de should be Before The other descrities most prograntly morted to our the contensate of totach. Afthe Christon. Afthe Christon. Afternate the trade of the Afternate Meseratories & . There and all the succeeding substances with some other that have not been mentioned on more or lay measured as by different partitioners, Each of these authorises interes with a barriet of combines tons, and in this way may be suy assigned a state of the different conditions of the consistence in this way may be suy assigned as a state of the different force. There was of the description of the different forces of the description of t

on some cases of hypotherman it heremse mee fany to change the substance employed red, per landther of the same clap, of broken when or securities preserve they are substanting thanks be garned by with worth with telestions, hards he same to be explained, but in practice a brownelstop of the fact often source or an esceptic greatly.

Before I close the amarks on decenties it is property or state, that when his girother was appointed on visional obtained on the section of the let and be meeting to minour this defore a vadiance the meeting to minour this defore a vadiance.

I western to the man at the same unpletetes res Withesto 1 the cure of diration of a dy inferior e; to those a at of medicin Then are als which though non debilite must be wid combated by Henry is to ot ead even can be made, it is in easy originating in or high up by destruction what messay is contactly and attended on the description are attended to the description of the most to marked benefit. Anderson ach even of the most marked benefit deader auch even outside the property alone will often proon happy benefit and, and considered experiences to the proon happy benefit and and considered experiences of the proon to provide the deader.

He thirts the substances enumerated for the cent of hyporthona, with one exception, have been disorties. I now come to the consideration of another set of somewhere of source by inferior efficacy; This, an Society

In there case of hydrotherna from any apparating on deletity however induced this sixt of sheekense is frontened of this disease, which there is no farmant ory and requesting depthier, afterwards appears a more debilitated shape. Hydrotherna excepting earlier with adoption of most be undertaked by controlled by controlled supported to the controlled by controlled without promote to describe the description the controlled by controlled without application of selections applications. The most of the controlled supported by the controlled supported by the whole applications of selections is supported by the controlled by the controlled supported by the selection of selections is supported to the controlled by the selection of selections is supported with the monthly of selections is supported with

head of thes 0. Maclean p. 126. & griffith from the intion, the that it is Under th water with fluid the ten to twen or three ter is given, to to lepen the The veget The intention is camparatively made, at the head of them may be placed the kalybeate presparations, and mat to there the tonce vege-

Maclean prefers as a tonic the sulphate A Iron combined with out of tastar and myrch in the proportion recommended by Ir griffiths. I have never seen this preparation exhibited in droposy, but should suppose from the substances entiring into its compoexition, that it is capable of combining a diwretic and tonic power, and therefore that it is particularly suited to dropay arising from or connected with debetity. Under these circumstances the tonic Ishould hufer is a proparation formed by saturating water with outphate of Iron and adding enough sulphure acid to give to the fluid the acidity of Elixer Vitriol. From ten to twenty five drops may be given twice or three times a day. When the full dose is given, the stomach is occasionally so much nauseated that it becomes necessary to lepen the quantity.

The orgitable tonies are gention column-

Jo Sc. These and the trit sold in the of the tried witho Aprepion, it some the of thorangor of performed a often abook where the of fluid was / tend the ma - Indeed, who contained in by the preser fication of to tationore, it that the ope abo &C. There singly, or variously combined, and the billion and armatic buguedients sold in the shops are all except accel-

of the paracentesis thoracis.

after all the medicines of known retried without making any salutary im = pression, it has been recommended to perform the operation of paracentisis of the thorangor of drawing off the water by means of tapping. This operation has been seldom performed in this country, and not very often abroad. The result of experience is not much in its favour. In those cases where the operation was performed, the fluid was found rapidly to naccumulate tend the patient was finally carried off-- Indeed, when the hydropic fluid is contained in the pericardium, and can mot be evacuated by other means, or is supported by the presence of organic disease, as ofice fication of the vefocls, anunismal dilatators tations &c, it must appear evident: that the operation can not be performed

S. C. Shinne writes Me